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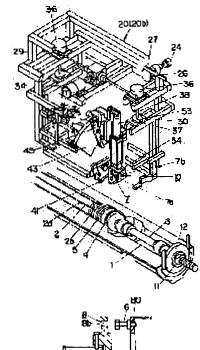
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## (54) METHOD AND APPARATUS FOR CONNECTING TENSION ROD TO REINFORCING BAR **BASKET**

## (57)Abstract:

PURPOSE: To automatically clamp a reinforcing bar basket and a tension rod by detecting the position of the tension bolt arranged to the end part metal jig of the end part of the reinforcing bar basket in the peripheral direction of the basket and revolving the tension plate of the end part of the tension rod on the basis of the detected data to perform alignment to engage the same.

CONSTITUTION: The reinforcing bar basket 2 arranged in a lower form 1 and the tension rod 3 tensioning the reinforcing bar basket 2 are provided. A tension bolt 6 is arranged to the end part metal jig 5 of the reinforcing bar basket 2 in the peripheral direction thereof and the position of the bolt 6 is detected by a sensor 7 and, on the basis of the detected data, the tension plate 4 provided to the end part of the tension rod 3 is revolved. The tension bolt 6 is allowed to coincide with the engaging hole 8 in the peripheral direction of the tension plate 4 and the tension plate 4 is moved by a moving means to engage the tension bolt 6 with the engaging hole 8. Therefore, the reinforcing



bar basket 2 and the tension rod 3 tensioning the same are automatically connected and this connection can be accurately and safely performed within a short time.

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